

## ABSTRACT OF THE DISCLOSURE

The balloon catheter comprises a plastic tubing, a balloon fused to one end portion of said tubing, and the balloon being made of a polymer and one of a carbon nano-tube material, a nano-clay material or a nano-ceramic fiber material.

1. A balloon catheter comprising:  
a plastic tubing;  
a balloon fused to one end portion of said tubing;  
the balloon being made of a polymer and one of a carbon nano-tube material, a nano-clay material or a nano-ceramic fiber material.